



## COUNTY OF PRINCE GEORGE

Finance Department

P.O. Box 68


Prince George, VA 23875

Phone (804) 722-8710 Fax (804) 732-1966

Betsy Drewry  
Director of Finance

### MEMORANDUM

To: Mr. Percy Ashcraft  
County Administrator

From: Betsy Drewry, Director of Finance 

Date: March 21, 2017

Re: ***Budget Amendment and Appropriation of Debt Proceeds to Capital Projects Fund—***  
Related to Approved Capital Improvement Projects

As part of the adopted FY2017 budget and CIP process, the County proposed debt issuance to accomplish a number of Capital Improvement Program projects. Davenport & Company issued an RFP to solicit bids for a Tax Exempt General Obligation Bond and reviewed the results and recommendation with the board on March 14, 2017. The board authorized financing through Carter Bank & Trust for \$10,000,000 on March 14, 2017.

The board conducted public hearings for both the issuance of debt and related budget amendments and appropriations on March 14, 2017.

Staff is requesting approval of budget amendments and appropriations of debt proceeds to CIP Fund for the projects **shown on page 2**. In keeping with past practices, ***a separate appropriation resolution for each project*** is being provided for board consideration.

**There are 5 projects for which staff is also requesting authority to issue a contract.** Resolutions for those projects request appropriation and authority to issue a contract. Those related attachments (F – J) show the procurement documentation and recommended contractor are provided for those projects.

**These 5 Projects are:**

Scott Park Irrigation  
Scott Park Electrical  
Scott Park Fencing

Canoe Launch  
JEJ Moore Middle School Athletic Complex Improvements

**Continued**

## Budget Amendment & Appropriation Requested:

### Revenues:

Bond Proceeds	0311-40-900-8115-00000-000-000-000-341401	8,970,087
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### Expenditures:

Project	Code	Amount	ATTACHMENT
Public Safety Radio Project	0311-03-200-3163-00000-000-000-000-48107 -	6,563,017	A
Route 10 Fire Station	0311-03-200-3153-00000-000-000-000-48240 -	500,000	B
Broadband	0311-01-002-3154-00000-000-000-000-48108 -	1,000,000	C
RCJA Roof	0311-03-300-3155-00000-000-000-000-48122 -	56,000	D
Harrison Elementary Windows	0311-06-208-3156-00000-000-000-000-48120 -	217,500	E
Parks & Rec Scott Park Irrigation	0311-07-211-3158-00000-000-000-000-48130 -	94,669	F *
Parks & Rec Scott Park Electrical	0311-07-211-3159-00000-000-000-000-48133 -	53,573	G *
Parks & Rec Scott Park Fencing	0311-07-211-3160-00000-000-000-000-48130 -	39,000	H *
Parks & Rec Canoe Launch	0311-07-211-3161-00000-000-000-000-48130 -	39,488	I *
Parks & Rec Moore MS Athletic Complex	0311-07-211-3162-00000-000-000-000-48130 -	106,840	J *
Debt Issuance Costs	0311-09-401-4000-00000-000-000-000-49149 -	300,000	
<b>Total Appropriation</b>		<b>8,970,087</b>	

Projects Already Appropriated	1,029,913
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Grand Total Issue	10,000,000
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\*APPROVAL OF AWARD OF CONTRACT AND APPROPRIATION BEING REQUESTED FOR THESE 5 PROJECTS

A listing of projects *previously approved and appropriated* is shown below:

### Already Appropriated

Project	Amount
Public Safety Radio Consultant	174,435
Police Vehicles	400,000
Parks & Recreation Paving Projects	38,221
Scott Park Field Improvements	190,007
Central Wellness Center Asbestos Removal	87,250
Central Wellness Center Pipe Repair	140,000
<b>Total Already Appropriated</b>	<b>1,029,913</b>

Appropriations have previously been approved and reimbursement resolutions have been adopted for these projects.

**GRAND TOTAL, including estimated issuance costs = \$10,000,000**

If you have questions or concerns, I am available at your convenience.

Board of Supervisors  
County of Prince George, Virginia

Resolution

At a regular meeting of the Board of Supervisors of the County of Prince George held in the Boardroom, Third Floor, County Administration Building, 6602 Courts Drive, Prince George, Virginia this 28<sup>th</sup> day of March, 2017:

Present:

Vote:

William A. Robertson, Jr., Chairman  
Donald R. Hunter, Vice-Chairman  
Alan R. Carmichael  
Jerry J. Skalsky  
T. J. Webb

A-\_\_

On motion of \_\_\_\_\_, seconded by \_\_\_\_\_, which carried unanimously, the following Resolution was adopted:

RESOLUTION; BUDGET AMENDMENT AND APPROPRIATION (\$6,863,017  
PUBLIC SAFETY RADIO PROJECT AND ESTIMATED BOND ISSUANCE  
COSTS)

BE IT RESOLVED That the Board of Supervisors of the County of Prince George this 28<sup>th</sup> day of March, 2017, does hereby authorize and appropriate the following increase of funds within the 2016-2017 Budget, such line items increased as follows, which monies shall be expended for purposes authorized and approved by the Board of Supervisors of the County of Prince George:

FUND/ORGANIZATION

AMOUNT

**Capital Improvement Fund (0311)**

Revenues:

0311-40-900-8115-341401	Debt Proceeds	\$6,563,017
0311-40-900-8115-341401	Debt Proceeds	\$300,000

Expenditures:

0311-03-200-3163-48107	CIP – Public Safety Radio Project	\$6,563,017
0311-09-401-4000-49149	Debt Issuance Costs	\$300,000

A Copy Teste:

\_\_\_\_\_  
Percy C. Ashcraft  
County Administrator

R-17-

Board of Supervisors  
County of Prince George, Virginia

Resolution

At a regular meeting of the Board of Supervisors of the County of Prince George held in the Boardroom, Third Floor, County Administration Building, 6602 Courts Drive, Prince George, Virginia this 28<sup>th</sup> day of March, 2017:

Present:

William A. Robertson, Jr., Chairman  
Donald R. Hunter, Vice-Chairman  
Alan R. Carmichael  
Jerry J. Skalsky  
T. J. Webb

Vote:

A-\_\_

On motion of \_\_\_\_\_, seconded by \_\_\_\_\_, which carried unanimously, the following Resolution was adopted:

**RESOLUTION; BUDGET AMENDMENT AND APPROPRIATION (\$500,000  
ROUTE 10 FIRE STATION)**

BE IT RESOLVED That the Board of Supervisors of the County of Prince George this 28<sup>th</sup> day of March, 2017, does hereby authorize and appropriate the following increase of funds within the 2016-2017 Budget, such line items increased as follows, which monies shall be expended for purposes authorized and approved by the Board of Supervisors of the County of Prince George:

FUND/ORGANIZATION

AMOUNT

**Capital Improvement Fund (0311)**

Revenues:

0311-40-900-8115-341401	Debt Proceeds	\$500,000
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Expenditures:

0311-03-200-3153-48240	CIP – Route 10 Fire Station	\$500,000
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A Copy Teste:

\_\_\_\_\_  
Percy C. Ashcraft  
County Administrator

Board of Supervisors  
County of Prince George, Virginia

Resolution

At a regular meeting of the Board of Supervisors of the County of Prince George held in the Boardroom, Third Floor, County Administration Building, 6602 Courts Drive, Prince George, Virginia this 28<sup>th</sup> day of March, 2017:

Present:

Vote:

William A. Robertson, Jr., Chairman  
Donald R. Hunter, Vice-Chairman  
Alan R. Carmichael  
Jerry J. Skalsky  
T. J. Webb

A-\_\_

On motion of \_\_\_\_\_, seconded by \_\_\_\_\_, which carried unanimously, the following Resolution was adopted:

**RESOLUTION; BUDGET AMENDMENT AND APPROPRIATION (\$1,000,000  
BROADBAND PROJECT)**

BE IT RESOLVED That the Board of Supervisors of the County of Prince George this 28<sup>th</sup> day of March, 2017, does hereby authorize and appropriate the following increase of funds within the 2016-2017 Budget, such line items increased as follows, which monies shall be expended for purposes authorized and approved by the Board of Supervisors of the County of Prince George:

FUND/ORGANIZATION

AMOUNT

**Capital Improvement Fund (0311)**

Revenues:

0311-40-900-8115-341401	Debt Proceeds	\$1,000,000
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Expenditures:

0311-01-002-3154-48108	CIP – Broadband Project	\$1,000,000
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A Copy Teste:

\_\_\_\_\_  
Percy C. Ashcraft  
County Administrator

Board of Supervisors  
County of Prince George, Virginia

Resolution

At a regular meeting of the Board of Supervisors of the County of Prince George held in the Boardroom, Third Floor, County Administration Building, 6602 Courts Drive, Prince George, Virginia this 28<sup>th</sup> day of March, 2017:

Present:

Vote:

William A. Robertson, Jr., Chairman  
Donald R. Hunter, Vice-Chairman  
Alan R. Carmichael  
Jerry J. Skalsky  
T. J. Webb

A-\_\_

On motion of \_\_\_\_\_, seconded by \_\_\_\_\_, which carried unanimously, the following Resolution was adopted:

**RESOLUTION; BUDGET AMENDMENT AND APPROPRIATION (\$56,000  
RCJA ROOF PROJECT)**

BE IT RESOLVED That the Board of Supervisors of the County of Prince George this 28<sup>th</sup> day of March, 2017, does hereby authorize and appropriate the following increase of funds within the 2016-2017 Budget, such line items increased as follows, which monies shall be expended for purposes authorized and approved by the Board of Supervisors of the County of Prince George:

FUND/ORGANIZATION

AMOUNT

**Capital Improvement Fund (0311)**

Revenues:

0311-40-900-8115-341401	Debt Proceeds	\$56,000
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Expenditures:

0311-03-300-3155-48122	CIP – RCJA Roof Project	\$56,000
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A Copy Teste:

\_\_\_\_\_  
Percy C. Ashcraft  
County Administrator

Board of Supervisors  
County of Prince George, Virginia

Resolution

At a regular meeting of the Board of Supervisors of the County of Prince George held in the Boardroom, Third Floor, County Administration Building, 6602 Courts Drive, Prince George, Virginia this 28<sup>th</sup> day of March, 2017:

Present:

William A. Robertson, Jr., Chairman  
Donald R. Hunter, Vice-Chairman  
Alan R. Carmichael  
Jerry J. Skalsky  
T. J. Webb

Vote:

A- \_

On motion of \_\_\_\_\_, seconded by \_\_\_\_\_, which carried unanimously, the following Resolution was adopted:

**RESOLUTION; BUDGET AMENDMENT AND APPROPRIATION (\$217,500  
HARRISON ELEMENTARY WINDOWS PROJECT)**

BE IT RESOLVED That the Board of Supervisors of the County of Prince George this 28<sup>th</sup> day of March, 2017, does hereby authorize and appropriate the following increase of funds within the 2016-2017 Budget, such line items increased as follows, which monies shall be expended for purposes authorized and approved by the Board of Supervisors of the County of Prince George:

FUND/ORGANIZATION

AMOUNT

**Capital Improvement Fund (0311)**

Revenues:

0311-40-900-8115-341401	Debt Proceeds	\$217,500
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Expenditures:

0311-06-208-3156-48120	CIP – Harrison Elementary Windows Project	\$217,500
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A Copy Teste:

\_\_\_\_\_  
Percy C. Ashcraft  
County Administrator

Board of Supervisors  
County of Prince George, Virginia

Resolution

At a regular meeting of the Board of Supervisors of the County of Prince George held in the Boardroom, Third Floor, County Administration Building, 6602 Courts Drive, Prince George, Virginia this 28<sup>th</sup> day of March, 2017:

Present:

Vote:

William A. Robertson, Jr., Chairman  
Donald R. Hunter, Vice-Chairman  
Alan R. Carmichael  
Jerry J. Skalsky  
T. J. Webb

A-\_\_

On motion of \_\_\_\_\_, seconded by \_\_\_\_\_, which carried unanimously, the following Resolution was adopted:

**RESOLUTION; AWARD OF CONTRACT AND BUDGET AMENDMENT AND APPROPRIATION (\$94,669 SCOTT PARK IRRIGATION PROJECT)**

WHEREAS, On September 20, 2016 an Invitation to Bid was advertised by the Finance Department to obtain pricing for irrigation at Scott Park Fields. The bid closed on October 4, 2016 with one vendor submitting a bid for \$94,668.64; and

WHEREAS, \$94,669 will be available with the spring 2017 bond issuance for irrigation at Scott Park; and

WHEREAS, Staff is requesting authorization for the County Administrator to enter into a contract with Avery Landscape & Irrigation in the amount of \$94,668.64 to move forward with irrigation of Scott Park.

NOW, THEREFORE, BE IT RESOLVED That the Board of the Supervisors of the County of Prince George this 28<sup>th</sup> day of March, 2017, hereby awards the bid for the Scott Park Irrigation Project to Avery Landscape & Irrigation in the amount of \$94,669; AND BE IT RESOLVED That the Board of Supervisors of the County of Prince George this 28<sup>th</sup> day of March, 2017, does hereby authorize and appropriate the following increase of funds within the 2016-2017 Budget, such line items increased as follows, which monies shall be expended for purposes authorized and approved by the Board of Supervisors of the County of Prince George:

FUND/ORGANIZATION

AMOUNT

**Capital Improvement Fund (0311)**



Revenues:

0311-40-900-8115-341401	Debt Proceeds	\$94,669
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Expenditures:

0311-07-211-3158-48130	CIP – Scott Park Irrigation Project	\$94,669
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A Copy Teste:

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Percy C. Ashcraft  
County Administrator

Board of Supervisors  
County of Prince George, Virginia

Resolution

At a regular meeting of the Board of Supervisors of the County of Prince George held in the Boardroom, Third Floor, County Administration Building, 6602 Courts Drive, Prince George, Virginia this 28<sup>th</sup> day of March, 2017:

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Present:

Vote:

William A. Robertson, Jr., Chairman  
Donald R. Hunter, Vice-Chairman  
Alan R. Carmichael  
Jerry J. Skalsky  
T. J. Webb

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A- \_

On motion of \_\_\_\_\_, seconded by \_\_\_\_\_, which carried unanimously, the following Resolution was adopted:

**RESOLUTION; AWARD OF CONTRACT AND BUDGET AMENDMENT AND APPROPRIATION (\$53,573 SCOTT PARK ELECTRICAL PROJECT)**

WHEREAS, Staff has received pricing from Dominion Virginia Power to provide electrical service to Scott Park in the amount of \$48,572.19 and the Director of General Properties estimates that an additional \$5,000 will be required to install panel, meter base, temporary pole setup, outlets and wiring; and

WHEREAS, \$53,573 will be available with the spring 2017 bond issuance for electrical service installation at Scott Park; and

WHEREAS, Staff is requesting authorization for the County Administrator / Director of Parks & Recreation to authorize Dominion Virginia Power to begin work to provide electrical service to Scott Park at a cost of \$48,572.19; and to authorize the Director of General to move forward with a qualified vendor for providing other services to include panel, meter base, temporary pole, outlets and wiring installation at a cost not to exceed \$5,000.

NOW, THEREFORE, BE IT RESOLVED That the Board of the Supervisors of the County of Prince George this 28<sup>th</sup> day of March, 2017, hereby authorizes Dominion Virginia Power to proceed with work to provide electrical service to Scott Park in the amount of \$48,572.19; and for work to be completed for panel, meter base, temporary pole, outlets and wiring installation at a cost not to exceed \$5,000; AND BE IT RESOLVED That the Board of Supervisors of the County of Prince George this 28<sup>th</sup> day of March, 2017, does hereby authorize and appropriate the following increase of funds within the 2016-2017 Budget, such line items

increased as follows, which monies shall be expended for purposes authorized and approved by the Board of Supervisors of the County of Prince George:

<u>FUND/ORGANIZATION</u>		<u>AMOUNT</u>
<b><u>Capital Improvement Fund (0311)</u></b>		
Revenues:		
0311-40-900-8115-341401	Debt Proceeds	\$53,573
Expenditures:		
0311-07-211-3159-48133	CIP – Scott Park Electrical Project	\$53,573

A Copy Teste:

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Percy C. Ashcraft  
County Administrator

Board of Supervisors  
County of Prince George, Virginia

Resolution

At a regular meeting of the Board of Supervisors of the County of Prince George held in the Boardroom, Third Floor, County Administration Building, 6602 Courts Drive, Prince George, Virginia this 28<sup>th</sup> day of March, 2017:

Present:

Vote:

William A. Robertson, Jr., Chairman  
Donald R. Hunter, Vice-Chairman  
Alan R. Carmichael  
Jerry J. Skalsky  
T. J. Webb

A-\_\_

On motion of \_\_\_\_\_, seconded by \_\_\_\_\_, which carried unanimously, the following Resolution was adopted:

**RESOLUTION; AWARD OF CONTRACT AND BUDGET AMENDMENT AND  
APPROPRIATION (\$39,000 SCOTT PARK FENCING PROJECT)**

WHEREAS, On September 8, 2016 an Invitation to Bid was advertised by the Finance Department to obtain pricing for fencing at Scott Park Fields. The bid closed on September 20, 2016 with three vendors submitting bids ranging from \$39,000 to \$52,950. The lowest bid was from Hurricane Fencing Company for \$39,000; and

WHEREAS, \$39,000 will be available with the spring 2017 bond issuance for fencing at Scott Park; and

WHEREAS, Staff is requesting authorization for the County Administrator to enter into a contract with Hurricane Fencing in the amount of \$39,000 to move forward with fencing at Scott Park.

NOW, THEREFORE, BE IT RESOLVED That the Board of the Supervisors of the County of Prince George this 28<sup>th</sup> day of March, 2017, hereby awards the bid for the Scott Park Fencing Project to Hurricane Fencing Company in the amount of \$39,000; AND BE IT RESOLVED That the Board of Supervisors of the County of Prince George this 28<sup>th</sup> day of March, 2017, does hereby authorize and appropriate the following increase of funds within the 2016-2017 Budget, such line items increased as follows, which monies shall be expended for purposes authorized and approved by the Board of Supervisors of the County of Prince George:

FUND/ORGANIZATION

AMOUNT

**Capital Improvement Fund (0311)**

Revenues:

0311-40-900-8115-341401	Debt Proceeds	\$39,000
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Expenditures:

0311-07-211-3160-48130	CIP – Scott Park Fencing Project	\$39,000
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A Copy Teste:

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Percy C. Ashcraft  
County Administrator

Board of Supervisors  
County of Prince George, Virginia

Resolution

At a regular meeting of the Board of Supervisors of the County of Prince George held in the Boardroom, Third Floor, County Administration Building, 6602 Courts Drive, Prince George, Virginia this 28<sup>th</sup> day of March, 2017:

Present:

William A. Robertson, Jr., Chairman  
Donald R. Hunter, Vice-Chairman  
Alan R. Carmichael  
Jerry J. Skalsky  
T. J. Webb

Vote:

A- \_

On motion of \_\_\_\_\_, seconded by \_\_\_\_\_, which carried unanimously, the following Resolution was adopted:

RESOLUTION; AWARD OF CONTRACT AND BUDGET AMENDMENT AND APPROPRIATION (\$39,488 CANOE LAUNCH PROJECT)

WHEREAS, On December 2, 2016 a Request for Proposals was advertised by the Finance Department to obtain pricing for the Canoe Launch Project. The bid closed on December 20, 2016 with one response in the amount of \$39,488. The response was received from John K. George & Company for \$39,488; and

WHEREAS, \$39,488 will be available with the spring 2017 bond issuance for the Canoe Launch; and

WHEREAS, Staff is requesting authorization for the County Administrator to enter into a contract with John K. George & Company in the amount of \$39,488 to move forward with the Canoe Launch.

NOW, THEREFORE, BE IT RESOLVED That the Board of the Supervisors of the County of Prince George this 28<sup>th</sup> day of March, 2017, hereby awards the bid for the Canoe Launch Project to John K. George & Company in the amount of \$39,488; AND BE IT RESOLVED That the Board of Supervisors of the County of Prince George this 28<sup>th</sup> day of March, 2017, does hereby authorize and appropriate the following increase of funds within the 2016-2017 Budget, such line items increased as follows, which monies shall be expended for purposes authorized and approved by the Board of Supervisors of the County of Prince George:

FUND/ORGANIZATION

AMOUNT

**Capital Improvement Fund (0311)**

Revenues:

0311-40-900-8115-341401	Debt Proceeds	\$39,488
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Expenditures:

0311-07-211-3161-48130	CIP – Canoe Launch Project	\$39,488
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A Copy Teste:

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Percy C. Ashcraft  
County Administrator

Board of Supervisors  
County of Prince George, Virginia

Resolution

At a regular meeting of the Board of Supervisors of the County of Prince George held in the Boardroom, Third Floor, County Administration Building, 6602 Courts Drive, Prince George, Virginia this 28<sup>th</sup> day of March, 2017:

---

Present:

Vote:

William A. Robertson, Jr., Chairman  
Donald R. Hunter, Vice-Chairman  
Alan R. Carmichael  
Jerry J. Skalsky  
T. J. Webb

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A- \_

On motion of \_\_\_\_\_, seconded by \_\_\_\_\_, which carried unanimously, the following Resolution was adopted:

**RESOLUTION; AWARD OF CONTRACTS AND BUDGET AMENDMENT  
AND APPROPRIATION (\$106,840 JEJ MOORE MIDDLE SCHOOL ATHLETIC  
COMPLEX IMPROVEMENTS PROJECT)**

WHEREAS, In September 2016 and January 2017 respectively, Finance Staff received pricing from Sunguard Mid-Atlantic, sole provider of Sunguard bleacher covers in the amount of \$40,100 and received pricing for concrete pad work from Eaton General Contracting (Dixie Paving and Sealing), the County's contracted vendor for paving and concrete projects in the amount of \$66,740; and

WHEREAS, \$106,840 will be available with the spring 2017 bond issuance for the Canoe Launch; and

WHEREAS, Staff is requesting authorization for the County Administrator to enter into a contract with Sunguard Mid-Atlantic in the amount of \$40,100 to move forward with the JEJ Moore Middle School Athletic Field bleacher covers AND authorization to enter into an agreement with Eaton General Contracting (Dixie Paving and Sealing) the County's contracted vendor for paving and concrete projects in the amount of \$66,740 to move forward with the JEJ Moore Middle School Athletic Field concrete work.

NOW, THEREFORE, BE IT RESOLVED That the Board of the Supervisors of the County of Prince George this 28<sup>th</sup> day of March, 2017, hereby awards a contract to Sunguard Mid-Atlantic in the amount of \$40,100 and authorizes concrete work in the amount of \$66,740 to Eaton General Contractor (Dixie Paving and Sealing); AND BE IT RESOLVED That the Board of Supervisors of the County of Prince George this 28<sup>th</sup> day of March, 2017, does hereby



authorize and appropriate the following increase of funds within the 2016-2017 Budget, such line items increased as follows, which monies shall be expended for purposes authorized and approved by the Board of Supervisors of the County of Prince George:

<u>FUND/ORGANIZATION</u>		<u>AMOUNT</u>
<b><u>Capital Improvement Fund (0311)</u></b>		
Revenues:		
0311-40-900-8115-341401	Debt Proceeds	\$106,840
Expenditures:		
0311-07-211-3162-48130	CIP – JEJ Moore MS Athletic Complex	\$106,840

A Copy Teste:

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Percy C. Ashcraft  
County Administrator

## Radio Replacement - Police

### Project Description:

Replacement of the County public safety radio system.

### Project Justification:

To ensure continued quality radio coverage. Increase and expand interoperability with other agencies. Current system will reach end of life with repair not guaranteed.

### Impact if Project not Completed:

Interoperability will become increasingly difficult as other agencies that we interact with move forward with replacement. The County's equipment will become antiquated with limited usage as the system approaches end of life. Replacement parts will also become increasingly difficult if not impossible to find. In the event of any portion of the system failing, repair will more than likely not be an option. This has an impact on public safety personnel and potentially the safety of the public,

### Financing:

The current estimated cost for the replacement is \$20.0 million and is scheduled to be completed with the issuance of debt service for fiscal year 2018.

AECOM provided lower estimate;  
Split debt issuance in FY2017 and  
FY2018.

FY 2017	FY2018	FY2019	FY2020	Beyond FY2021	TOTAL PROJECT COST
	\$20,000,000				\$20,000,000

# **Prince George County, Virginia**

## **Final Assessment Report**

**OPINION OF PROBABLE COST**

**January 20, 2017**

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## 1.0 Opinion of Probable Cost

Table 1-1 summarizes AECOM's opinion of probable cost of the conceptual system design described in Section 6 of the Needs Assessment report. Included in this opinion is a 5 RF tower site, 6-channel simulcast P25 Phase 2, 700/800 MHz trunked radio system. The new configuration identifies four sites that already exist in the County to avoid constructing new towers and one new Greenfield site; however, the opinion of probable cost has included new site development and new tower construction for all 5 RF sites in case lease arrangements for existing towers are not viable or the structure for a County-owned site is insufficient. The system includes the radio infrastructure, a new single channel simulcast UHF paging system, funding for in-building coverage systems for between 5 and 7 buildings, subscriber units including growth, independent verification and validation (IV&V) fees for Phase 3, implementation and acceptance, any upgrades to the physical facilities, and a microwave backhaul connectivity system.

TABLE 1-1 OPINION OF PROBABLE COST PRINCE GEORGE COUNTY, VIRGINIA							
COST ELEMENT	LIST ESTIMATE		NEGOTIATED ESTIMATE		COMPETITIVE ESTIMATE		
INFRASTRUCTURE	100%	\$ 2 538 000	85%	\$ 2 157 300	75%	\$ 1 903 500	
MICROWAVE	100%	\$ 798 200	90%	\$ 718 400	90%	\$ 718 400	
PHYSICAL FACILITIES	100%	\$ 3 076 000	90%	\$ 2 768 400	90%	\$ 2 768 400	
UHF PAGING SYSTEM	100%	\$ 235 000	85%	\$ 199 800	75%	\$ 176 300	
CONSOLES	100%	\$ 240 000	85%	\$ 204 000	75%	\$ 180 000	
IN-BUILDING SYSTEM (5-7 Buildings)	100%	\$ 1 700 000	90%	\$ 1 530 000	90%	\$ 1 530 000	
SUBSCRIBER UNITS	100%	\$ 2 584 800	85%	\$ 2 197 100	75%	\$ 1 938 600	
VENDOR SERVICES	100%	\$ 1 545 700	85%	\$ 1 313 800	75%	\$ 1 159 300	
IV&V	100%	\$ 343 490	100%	\$ 343 490	100%	\$ 343 490	
SPARES - INFRASTRUCTURE	100%	\$ 85 900	100%	\$ 85 900	100%	\$ 85 900	
CONTINGENCY	100%	\$ 858 700	100%	\$ 858 700	100%	\$ 858 700	
<b>TOTAL</b>		<b>\$ 14,005,790</b>		<b>\$ 12,376,890</b>		<b>\$ 11,662,590</b>	

**Table 1-1 Radio System Opinion of Probable Cost**

Table 1-2 summarizes AECOM's opinion of probable cost for new subscriber units such as mobile radios, portable radios, and desktop control stations. The estimate is provided at the agency level.

TABLE 1.2 OPINION OF PROBABLE COST PRINCE GEORGE COUNTY, SUBSCRIBER UNITS								
Agency	High Tier Mobile	Mid Tier Mobile	Basic Tier Mobile	High Tier Portable	Mid Tier Portable	Basic Tier Portable	Control Stations	ESTIMATE
Police Department	12	65	0	20	89	0	5	\$ 898,500
Sheriff's Office	3	9	0	3	8	0	0	\$ 90,200
Fire & EMS	10	60	0	25	160	0	9	\$ 983,500
Emergency Management	0	0	0	10	10	0	0	\$ 68,000
Dispatch Center	0	0	0	0	0	0	5	\$ 37,500
School Transportation	0	6	122	0	10	35	2	\$ 468,900
<b>TOTAL:</b>	<b>25</b>	<b>140</b>	<b>122</b>	<b>58</b>	<b>277</b>	<b>35</b>	<b>21</b>	<b>\$ 2,546,600</b>
<b>ESCALATED TOTAL (Plus 1.5% for Future Growth):</b>								<b>\$ 2,584,799</b>

**Table 1-2 Subscriber Units Opinion of Probable Cost**

## 1.1 Estimate Categories

Table 1-1 contains three estimate categories:

- **List Estimate:** An estimate for the project based on the list costs database which is based upon AECOM's research.
- **Negotiated Estimate:** List price costs adjusted for the effect of negotiating with a sole source vendor or system integrator. The list costs are reduced by the percentages that we have typically seen in this type of procurement.
- **Competitive Estimate:** Estimates are further reduced to reflect cost reduction typically seen in highly competitive procurements.

## 1.2 Cost Elements

Table 1-1 is separated by the cost elements or the categories of equipment that make up the radio system and costs.

### 1.2.1 Infrastructure

The estimate for radio system infrastructure generally includes the fixed equipment located at the transmission and control sites, as described in Section 6 of the Needs assessment report, supplied under separate cover, such as:

- Transmitters
- Receiver
- Repeaters
- Antennas
- Switches
- Routers
- Multicouplers
- Combiners
- Simulcast equipment
- -48 VDC Power Supplies
- Over-the-Air Programming (OTAP)
- Over-the-Air Rekeying (OTAR)

The infrastructure equipment for a P25 trunked radio system also includes centralized core equipment such as a master controller and associated computers for administration and management of the radio system. Two interoperability gateways, replacement Console systems, a UHF simulcast paging system, and in-building coverage enhancement systems are also included in the infrastructure costs.

### 1.2.2 Microwave

The estimate for microwave infrastructure generally includes the content described in Section 6:

- Microwave radios
- Microwave antennas
- Waveguide
- Cabling
- DC power supplies

This estimate assumes that all sites and the ECC will be connected by microwave as described in Section 6. The ECC radio site is connected to the EOC via existing fiber optic cable.

### 1.2.3 Physical Facilities

The estimate for physical facilities generally includes the following, as described in Section 6:

- Tower analyses for County-owned towers
- New towers
- Tower foundation pad
- Geotechnical surveys
- New shelters
- Uninterruptible Power Supplies (UPS)
- Site clearing and development
- Security fencing
- HVAC
- Generators
- Grounding
- Alarm system
- Utilities
- Site access and parking

New shelters have been included at the 5 RF tower sites.

## 1.3 Subscriber Units

Table 1-2 contains the subscriber equipment quantities and cost estimate. This includes pricing for new mobile and portable units, as well as new control stations.

For cost estimation purposes, we make the following assumptions:

- New mobile and portable radios include the capability to utilize OTAP and OTAR.
- New mobile and portable radios include AES encryption for the Police Department only.
- Mobile and desktop control station estimates include the antenna, installation, remote control head, speaker, and a microphone.
- Mobile and control station antenna installations assume "normal" conditions.
- Warranty service for a new radio is provided for one year.

## **1.4 Additional Cost Elements**

### **1.4.1 Vendor Services**

Some of the effort on the part of a major radio retailer and/or a systems integrator would be to outsource those efforts not part of their core business. As would be expected in the outsourcing, the price for the service is escalated with pass-through fees and administrative add-ons, as well as risk factors for unanticipated activities.

In the cost estimate there is a category for Vendor Services. This accounts for the expenses experienced by the Vendor to perform procedures for professional engineering, design, project management, and their own verification of performance for these elements to match your requirements. In our experience, 18 percent of the cost of the project, not including subscriber equipment, can be expected for vendor services.

### **1.4.2 Independent Verification and Validation (IV&V)**

The IV&V estimate contains the necessary fee for an independent consultant to assist with the specification, procurement, implementation, and acceptance of the system. This critical fee will provide the expertise to facilitate a clean procurement cycle and a smooth implementation. This will also provide management with the confidence that the console and radio systems purchased meet your requirements.

### **1.4.3 Infrastructure Spares**

Spare parts for both the console system and the radio system infrastructure are estimated at 1 percent of the infrastructure costs.

### **1.4.4 Contingency**

In a project of this size and complexity, unexpected occurrences and expenditures will be required. All of the estimates and all of the proposals will be predicated on such terms as "normal conditions", that there will be no zoning appeals and/or delays, suitable access will be available, and other such conditions. While successful and detailed negotiations can assist in protecting the project, the unexpected will occur. In our experience, 10 percent of the cost of the project, not including subscriber equipment, is an appropriate contingency fund.

## **1.5 Recurring Costs**

### **1.5.1 Maintenance**

The new radio system will come with a one-year comprehensive warranty that covers all new equipment and systems purchased. After the first year, the Prince George Police Department will enter into an annual maintenance contract with the system vendor. The Prince George Police Department will be able to select from a number of services tailored to its needs. Maintenance options include remote monitoring, intrusion detection, software maintenance, software upgrades, infrastructure repair, subscriber repair, and technical support.

The maintenance contract can support all systems supplied under a turnkey project, including those not manufactured by the radio vendor. The maintenance cost for the conceptual system design will depend upon the number of sites and quantity of subscribers.

If the agencies choose to reuse existing equipment such as subscriber units, this equipment will not be covered by warranty and depending upon its age, the vendor may not be willing to include them in the maintenance contract.

### **1.5.2 Radio Technicians**

Items such as installing and removing radios, programming radios, preventive maintenance, and managing the radio system are all examples of tasks that will have to be performed, either by the Prince George Police Department's own personnel or through contracts with service providers. Although the



Prince George Police Department currently performs these duties through contracts, hiring personnel can be a cost-effective approach for systems of this size.

#### **1.5.3 Site Leases**

The Prince George Police Department may be required to pay monthly leases for radio sites which it does not own. Costs are based on the location of the site (whether it is in a high-demand urban area, or whether it is in a more rural location), the number and location of antennas (space higher on the tower is more valuable) and the space required for shelters and generators.

#### **1.5.4 Subscriber Equipment**

The County radio system upgrade will be a migration from UHF to a 700/800MHz radio system; therefore, no UHF subscriber units from the existing UHF radio system will function on the new 700/800MHz radio system. New 700/800MHz subscriber units will have to be purchased by the County as shown in Table 1-2 above. Over time, as the number of radio user grows, all new units purchased must be capable of P25 Phase 2 operations.

#### About AECOM

AECOM (NYSE: ACM) is built to deliver a better world. We design, build, finance, and operate infrastructure assets for governments, businesses and organizations in more than 150 countries.

As a fully integrated firm, we connect knowledge and experience across our global network of experts to help clients solve their most complex challenges.

From high-performance buildings and infrastructure, to resilient communities and environments, to stable and secure nations, our work is transformative, differentiated, and vital.

#### Contact

Cheryl Giggetts, CHS-III, PMP  
D 434-582-5506  
M 434-285-8427  
[Cheryl.giggetts@aecom.com](mailto:Cheryl.giggetts@aecom.com)

**[aecom.com](http://aecom.com)**

## James River Drive Fire & EMS Station

### Project Description:

The Director of Fire and EMS was charged by the Board of Supervisors and County Administration to conduct a study on future fire station needs and locations. This study was completed in December, 2013. The results of the study identified several locations in which a Fire and EMS station needs to be located in the future. Several citizens from the Rivers Edge Subdivision have expressed the need for a Fire and EMS station located closer to their area. Developers have been working with staff to secure a site for the station to be constructed.

### Project Justification:

After the insurance industry changed its practice on underwriting homeowner's policies, several citizens have seen an increase of up to 150% of their previous cost for fire insurance. This issue coupled with long response times in higher populated areas as well as areas in which future development plans are underway, and fatalities resulting from structural fires have prompted action.

### Impact if Project not Completed:

If not completed, the result will be an inability to house essential personnel and resources in areas with higher call volumes. The inability to house essential personnel and resources will result in long response times from other stations.

### Financing:

The estimated total cost of the new fire station is \$1,000,000. Scheduled to be constructed with appropriated funds of \$500,000 from FY16 and a debt issuance in FY2017 of \$500,000.

					TOTAL
					Beyond
					PROJECT
FY 2017	FY2018	FY2019	FY2020	FY2021	COST
\$500,000					\$1,000,000

## Wireless Broadband

### Project Description:

The wireless broadband project will bring high speed internet to areas of the County that do not have reliable service or the limited service options have high cost structures. The system will be built with regional connection opportunities. The concept is to have the County own the assets (towers/cables) and lease space to internet service providers (ISPs) who will operate the service. This allows the assets to be used for future County needs (i.e. public safety communication system).

### Project Justification:

The lack of broadband service negatively impacts the following: large industrial businesses in our business park still on DSL, home businesses with no service, and students who cannot view their grades, homework, lunch account, lunch menu, or project research from their homes. As Prince George County government, schools and businesses invest in technology upgrades, our telecommunications issue is simple, the failure to reach last mile consumers. In the fall of 2014, Prince George County worked with the Virginia Tech: Accelerate Virginia to have a speed test completed in the County. The data collected by Jean Plymale, Virginia Tech, was utilized to target the most underserved broadband areas of the County.

<http://acceleratevirginia.org/speedtest/>

Business prospects and home buyers will not select Prince George County without this service. The tax base will erode as location decisions are made to areas with reliable, cost-effective internet.

### Impact if Project not Completed:

There will be continued lack of internet service, poor internet service or expensive, non-competitive internet service to the rural areas of Prince George County.

### Financing:

The project is slated to be debt financed in FY2017 and is estimated to cost \$2,000,000.

					TOTAL
					Beyond PROJECT
FY 2017	FY2018	FY2019	FY2020	FY2021	COST
\$2,000,000					\$2,000,000

UPDATED AMOUNT -  
 \$1,000,000 Spring 2017 Debt  
 Issuance Planned

## RCJA Roof Refurbish

**Project Description:**

Refurbish approximately 6,050 square feet of existing metal roof panels. The age of the existing roof panels is unknown. An inspection of the panels was performed in May of 2014 by a representative of the Garland Company. The inspection revealed a deterioration of the roof coating and recommends an "overlay" coating/refurbishment of the roof. With the coating of the roof, the life expectancy will be extended by an estimated term of 15 years.

**Project Justification:**

Extend life of existing roof to prevent a total tear-off and replacement.

**Impact if Project not Completed:**

Continued deterioration that will result in roof leaks that will impact facility infrastructure and will result in a roof tear-off and replacement.

**Financing:**

The estimated total cost of the roof refurbishment is \$56,000. The project is slated to be debt financed in FY2017.

					TOTAL PROJECT COST
FY 2017	FY2018	FY2019	FY2020	BEYOND FY2021	
\$56,000					\$56,000

## Harrison Elementary Renovation

**Project Description:**

This project would replace the current windows which were not included in the previous renovations.

**Project Justification:**

To update/modernize areas and make them more energy efficient.

**Impact if Project not Completed:**

The building will continue to deteriorate and pose maintenance issues and increased energy costs.

**Financing:**

The estimated total cost of the renovation is \$217,500. The project is slated to be debt financed in FY2017.

					TOTAL
					Beyond PROJECT
FY 2017	FY2018	FY2019	FY2020	FY2021	COST
\$217,500					\$217,500

## Scott Park Irrigation Project

Scott Park Irrigation project was bid via IFB 17-0920-1; released on September 20, 2016 with a closing date of October 4, 2016.

One response was received – Avery Landscape & Irrigation

Recommendation –

Authorization to award contract to Avery Landscape & Irrigation - Option B – Low Flow Design – 4 Fields; \$23,667.16 per field; Total Price = \$94,668.64

Procurement Officer Verified that pricing is still good from October response.

March 28, 2017



# PROPOSAL

## AVERY LANDSCAPE & IRRIGATION

Underground Sprinkler Systems

(804) 590-9131  
(804) 796-LAWN

9021 Barretta Lane  
Chesterfield, Virginia 23838



VA A/#2705-035049

Proposal No. 1

Sheet No.

Date 10/4/16

### Proposal Submitted To

Name PRINCE GEORGE COUNTY  
Street \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_  
Telephone Number \_\_\_\_\_

### Work to Be Performed At

Street \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_  
Date of Plans \_\_\_\_\_  
Architect \_\_\_\_\_

We hereby propose to furnish the materials and perform the labor necessary for the completion of irrigation system

PER FIELD

EXTRAVAL  
Controller —

OPTION D STANDARD COMMOD DESIGN

MULTI PROGRAM

A) 85-PSI @ 55/GPM-FIELD - 4 ROW - 32-HEADS

Valves —

1"

8-ZONE DESIGN # 19,875.27

Wire —

VF

Pipe —

1"-2" PVC

OPTION B

LOW FLOW DESIGN

B) 35/GPM @ 80 PSI

4-ROW - 32+ HEADS

Backflow —

1/4"

11+ ZONES DESIGN # 23,667.16 ←

Rotary Heads —

(Estimated Count)

ATHLETIC

4 x \$23,667.16 = \$94,668.64

4 fields

PRO COM-SPR

Mist Heads —

(Estimated Count)

OPTION C

BUDGET DESIGN

SYSTEM

# 18,691.06

Warranty —

1/4 PARTIAL LABOR

All material guaranteed to be as specified, and the above work to be performed in accordance with the drawings and specifications submitted for above work and completed in a substantial workmanlike manner for the sum of

with payment to be made as follows:

1) PROGRESS BILLINGS

Dollars (\$

2) FINAL BILLINGS

TERMS NET 20 DAYS

Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance upon above work. Workmen's Compensation and Public Liability Insurance on above work to be taken out by

Respectfully submitted AVERY ENT INC.

Per CHW

Note — This proposal may be withdrawn by us if not accepted within 10 days.

### ACCEPTANCE OF PROPOSAL

Customer is responsible for locating property marks and any utilities not covered under Miss Utility. The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above. Customer agrees to pay any and all collection fees and interest.

Date Accepted \_\_\_\_\_

Signature \_\_\_\_\_



## 7.0 SIGNATURE SHEET

My signature certifies that the proposal as submitted complies with all Terms and Conditions as set forth in this Request for Proposal.

My signature further certifies that this proposal is made without prior understanding, agreement, or connection with any corporation, firm or person submitting a proposal for the same material, supplies or equipment, and is in all respects fair and without collusion or fraud. I understand collusion is a violation of Virginia Governmental Fraud Act and Federal Law and can result in fines, prison sentences and civil damages awards. I agree to abide by all conditions of this bid and certify that I am authorizing to sign this bid for the bidder.

To receive consideration for award, this signature sheet must be returned to the Finance Department as it shall be a part of your response.

If there are any parts of the terms and conditions that your company cannot meet please indicate which ones on an attached page.

Company Name: EVERY ENTERPRISES INC T/A EVERY LANDSCAPE  
Address: 9021 BARRETTA LN. IRRIGATION

CHESTERFIELD VA. 23838

Signature: 

CHIP AVERY

Name (type or print) CHIP AVERY

Official Title: PR

Federal Tax ID Number: 54-1776510

Date: 10/4/16

Telephone Number: 804-590-9131

804-731-2866

## **AVERY LANDSCAPE & IRRIGATION**

Underground Sprinkler Systems



**(804) 590-9131**  
**(804) 796-LAWN**

**9021 Barretta Lane**  
**Chesterfield, Virginia 23838**

March 20, 2017

Prince George County Ball Fields  
Scott Park

Re: Ball Fields  
Attention: Keith Rotzoll

### **Low Flow Design**

We recommend the use of option (b) \$23,667.16 (35 g.p.m. & 80 p.s.i.), as the well is producing only about +/- this level. Typically athletic fields that are designed with 2+ fields require 50+g.p.m. flow. This design will increase the water window length with typically alternating days to accommodate the 4 fields proposed. Down the road with more fields added it will require additional wells to service these fields.

Sincerely,



Chip Avery  
804 731-2866

## Scott Park Electrical Project

Scott Park electrical project is based on pricing from Dominion Virginia Power (\$48,572.19) and an estimate of \$5,000 to install panel, meter base, temporary pole set up, outlets and wiring (estimate provided by Director of General Services).

### **Recommendation –**

Authorization to allow Director of Parks and Recreation to authorize Dominion Virginia Power to proceed with electrical installation to Scott Park at a cost of \$48,572.19; and allow Director of General Services to contract set up at a total cost not to exceed \$5,000.

Pricing is still good from May 2016 estimate.

March 28, 2017

## Scott Park Electrical

Installation of Panel, meter base, temporary pole set up, outlets and wiring	5,000.00
--	----------

*Estimate provided by Director of General Services*

Cost of Providing electric service per Dominion VA Power	48,572.19
--	-----------

<b>Project Total</b>	<b>\$53,573</b>
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May 12, 2016

Mr. Keith B. Rotzoll  
Director of Parks and Recreation  
County of Prince George  
P.O. Box 68  
Prince George, VA 23875

REF: Scott Memorial Park  
600 Scott Memorial Park Road  
Prince George, VA  
Work Request # 10033218

Dear Mr. Rotzoll:

The cost to provide electric service at the above referenced location is \$48,572.19. Dominion Virginia Power will require a Letter of Authorization, authorizing Dominion Virginia Power to bill the County of Prince George for the previously mentioned amount, upon completion of the project.

Dominion Virginia Power will also require a signed Agreement for Underground Service, in addition to, an easement for all Dominion Virginia Power facilities to be installed. Dominion Virginia Power will require these documents prior to the scheduling of construction for this project. The easement and Agreement for Underground Service will be submitted for endorsement upon acceptance of this proposal.

If you have any questions, please contact me at (804) 862-6047 or email [isaac.downs@dom.com](mailto:isaac.downs@dom.com).

Sincerely,



Isaac L. Downs, MBA  
Customer Projects Designer III

## Scott Park Fencing Project

Scott Park Fencing project was bid via IFB 17-0907-1; released on September 8, 2016 with a closing date of September 20, 2016. 3 responses were received. The Bid Tabulation sheet follows on the next page.

### **Recommendation –**

Authorization to award contract to Hurricane Fencing for a price of \$39,000.

Procurement Officer Verified that pricing is still good from September response.

March 28, 2017

County of Prince George  
Bid Tabulation Sheet

IFB #: 17-0907-1

Bid Description: Fencing – Scott Park

Vendor Name                      Contact/ Rep Name                      Price

Hurricane Fence Co.	N. Dennis Sulser	\$39,000	
Hercules Fence	J. Eric Rowe	\$40,050	
Russell Fence Company	Len Claytor	\$ 52,950	

Notes:

  
Procurement Officer



County of Prince George  
FINANCE DEPARTMENT  
P.O. BOX 68  
6602 Courts Drive  
PRINCE GEORGE, Virginia 23875  
(804) 722-8710 Fax (804) 732-1966

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## Invitation For Bid

**IFB # 17-0907-1**

### Fencing

This procurement is governed by the Virginia Public Procurement Act and all terms and conditions of the Act are hereby adopted and are made a part of this notice.

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#### Contact Information:

Questions concerning sealed bids should be in writing addressed to:

Leigh Primmer  
Procurement Officer  
Prince George County  
Finance Department

6602 Courts Drive  
P.O. Box 68  
Prince George, VA 23875

(804) 722-8710 Fax (804) 732-1966

or

E-Mail: [lprimmer@princegeorgeva.org](mailto:lprimmer@princegeorgeva.org)



## **1.0 PURPOSE**

Sealed bids, subject to the specifications and conditions contained herein and attached hereto, will be received in the Finance Department, Prince George County Administration Building, Third Floor, until, but no later than **10:00 a.m.** local time prevailing **September 20, 2016**, and then publicly opened and read aloud for:

### **PURPOSE**

The purpose of this Invitation to Bid (IFB) is to solicit bids to establish a contract through competitive sealed bidding for the purchase of fencing for the County of Prince George.

To be considered, your bid must be submitted on a copy of this Invitation for Bid. Bidder shall sign this form in the space provided on the Terms and Signature Sheet and return bid documents to: Prince George County Finance Department, Administration Building - Third Floor, 6602 Courts Drive, P.O. Box 68, Prince George, VA 23875 in a sealed envelope. **Mark outside of your envelope with Invitation for Bid No. IFB # 17-0907-1**

**Bids, to include addenda or changes to a response, shall not be accepted via Fax machine or by Internet E-mail, orally, or by telephone.**

Time is of the essence and any bid received after the announced time and date for submittal, whether by mail or otherwise, will be rejected. The time of receipt shall be determined by the Prince George County Finance Department.

Nothing herein is intended to exclude any responsible vendor, his/her product or service, or in any way restrain, or restrict competition. On the contrary, all responsible vendors are encouraged to bid and their bids are solicited.

Quoted prices shall be F.O.B. to Prince George, Virginia, unless otherwise noted.

Unless otherwise agreed to at the time of award, payment terms are Net 30.

## **2.0 SCOPE OF WORK**

The County is seeking a vendor to provide and install 1,480' of 4' black, commercial grade fence to include 2 1/2" terminal gate posts and 2" line posts; and 840' of 10' black, commercial grade fence to include 3" terminal gate posts and 2 1/2" line posts; and a (2) 10' double door gates (to be placed on 4' side, as per drawing). Top rail across all fencing to be 1 5/8". All fencing is 9 gauge with 8 gauge coating, black coated.

This fencing will cover two separate fields.

The contractor shall be responsible for all necessary permits. The contractor shall remove and properly dispose of all debris from installation.

A pre-bid meeting will be held on **September 15, 2016 at 2:00pm** at the Scott Park soccer fields.

## **6.0 TERMS AND SIGNATURE SHEET**

### **Terms and Signature Sheet:**

**IFB # 17-0907-1**

#### **Fencing**

Our total lump sum price shall be: \$ 37,456.00 (price is based on bid specifications)

(Total lump sum price to match existing fence: \$39,000.00)

Please indicate length of time required, in calendar days, for completion after notification of award:

30 calendar days

In compliance with this invitation and subject to all conditions thereof, the undersigned offers and agrees to furnish any or all items and/or service upon which prices are quoted, at the price quoted, as specified.

My signature on the bid certifies that this bid is made without prior understanding, agreement, or connection with any corporation, firm or person submitting a bid for the same material, supplies or equipment, and is in all respects fair and without collusion or fraud. I understand collusive bidding is a violation of Virginia Governmental Fraud Act and Federal Law and can result in fines, prison sentences and civil damages awards. I agree to abide by all conditions of this bid and certify that I am authorizing to sign this bid for the bidder.

If there are any parts of the terms and conditions that your company cannot meet please indicate which ones on an attached page.

Company Name: Hurricane Fence Co.

Address: P.O. Box 27527

Richmond, VA 23261

Licensed Class A Virginia  
Contractor No. 2705 024990  
Specialty CIC FIC HIC

Signature: 

Name (type or print) N. Dennis Sulser

Official Title: President

Date: September 20, 2016

Telephone Number: (804) 657-5181

## Canoe Launch Project

The Canoe Launch Project was bid via RFP 17-1107-1; released on December 2, 2016 with a closing date of December 20, 2016. One (1) response was received from John K. George & Company in the amount of \$39,488. Response attached.

### **Recommendation –**

Authorization to award contract to John K. George for a price of \$39,488.

Procurement Officer Verified that pricing is still good from December response.

March 28, 2017



**JOHN K. GEORGE & CO.  
A DESIGN / BUILD FIRM**

e-mail: [John@johnkgeorgeandcompany.com](mailto:John@johnkgeorgeandcompany.com)  
VA Class A Contractor's License #2701039701

**(804) 560-1717  
Fax: 323-9230**

**3000 W. Clay Street  
Richmond, VA 23230**

Prince George County Finance Department  
Post Office Box 68

6602 Courts Drive

Prince George, VA 23875-0068

(804) 722-8710 Fax (804) 732-1966

E-Mail: [lprimmer@princegeorgeva.org](mailto:lprimmer@princegeorgeva.org)

**Attn: Leigh Primmer**

**Response to:** Request for Proposal RFP #17-1107-1 Canoe Launch  
December 16, 2016

Dear Leigh,

I am pleased to submit this Proposal for Design and Construction for the Canoe Launch as described in your RFP #17-1107-1.

Below I will address each evaluation criterion and offer specifics in presenting our qualifications:

**1. Experience with marine construction (30)** I founded our company in 1983 as a Design/Build firm, and soon began constructing waterfront projects for our clients. As we were successful with project after project, we formed a dedicated Marine Division to pursue marine construction, and now we have a complete complement of specialized marine construction equipment, including a large steel spud barge with excavator-mounted vibratory pile driver, a 12x28 aluminum crane barge, a 28' workboat with hoist, sectional portable floats and floating work platforms, three compressed air powered pile drivers, an air powered drop hammer, and many types of motorized and tracked machinery to allow us to work in sensitive environments. We have completed many notable projects in a 50 mile radius from our base in Richmond VA, including these projects in your immediate area, as follows:

- Appomattox River Regional Park Pier -- 2006- Prince Georges County- 100' timber pier and T-head
- Battersea Beach footbridge project-2007 Petersburg VA- 78' steel footbridge across the canal
- City Park Pier- 2009- Hopewell VA- 100' timber pier into Appomattox
- Weston Manor Pier- 2009- Hopewell VA- Restoration of the Weston Manor Pier
- Appomattox River Regional Park Boardwalks- 2010- Prince Georges County- 200' of elevated timber boardwalks over wetlands
- City Marina Piling Removal- 2011-Hopewell VA- remove dozens of abandoned pilings in river to create fishing area
- City Park Drainage Improvements- 2012- Hopewell VA -- install drain piping and rip rap to mitigate erosion at waterfront storm outfall
- Riverside Ave Stabilization-2014- Hopewell VA- Design and install a large scale steel sheet piling retention wall to stabilize a portion of Riverside Ave

**2. Demonstrated design skill and understanding of design needs (25)** All of the Marine projects that we construct are designed in-house, and we feel that is the best way to deliver value and quality for any given project. I worked with Wayne Walton of FOLAR to design and conceptualize this Canoe Launch project. I have been on site and observed the tides, the terrain

and the river bottom conditions. I developed the concept and wrote the specifications, and researched the manufactured components for this RFP, so I am probably the person with the best knowledge of the project.

**3. Project approach and understanding of objectives and constraints (20)** I have a thorough understanding of this project because I have designed and constructed three major projects in this same Park and the river adjacent, and thus am very familiar with the park itself, the access to the construction site, the river bottom conditions, and the terrain at the project site.

**4. Experience working with local and state ordinances and permitting guidelines (15)** I am an expert in designing and obtaining permits for a wide variety of marine and waterfront construction projects in this part of Virginia. I regularly work with permitting agencies such as VMRC, USACE, DGIF, USFWS, DCR, ARWA, City and County Building Inspection Departments and the Hopewell Wetlands Board. My projects are on the James and Appomattox Rivers, Lake Chesdin, Lake Anna, and numerous private lakes. I have complete confidence that our design will be permitted by all the authorities having jurisdiction.

**5. Knowledge of local issues (10)** Over the last 10 years I have completed many waterfront and marine projects in this local area and have extensive knowledge and a long record of success in working with local citizens, politicians, non-profits, governmental agencies, corporate donors, volunteers and the media. Our work has been featured in many local publications including a front page newspaper story!

Our firm has the necessary and required licenses including A Class A Contractors license, with the additional specialty State licensure designations Highway Heavy (HH) and Marine Facility construction (MCC).

We also have the necessary and required insurance coverages including the additional class code of (6003) of Workman's Compensation insurance, which is known as Longshoreman's Coverage, to cover construction work over water. Standard Workman's Compensation coverage is invalid on work over water, and most contractors in Virginia do not have the code (6003) Longshoreman's Coverage that we have. This coverage is required by law, and protects the property owner in the event of an injury on this type of job.

Our price to complete the work per the Request for Proposal RFP #17-1107-1 Canoe Launch would be

**\*Thirty Nine Thousand Four Hundred Eighty Eight Dollars (\$39,488.00)\***

Thank you for this opportunity.

X

John K George

President, John K George and Company

## JEJ Moore Athletic Field Improvements Project

The JEJ Moore Middle School Athletic Field Improvements project consists of Bleacher Covers and installation of concrete pads under visitor/home bleachers and backstop areas for three fields. Project pricing is based on pricing from the County's contracted vendor for concrete and paving, **Eaton General Contractor (Dixie Paving & Sealing)**, and pricing from **Sunguard Mid-Atlantic\***, exclusive dealer of Sunguard bleacher covers.

### **Recommendation –**

Authorization to:

- 1) Award contract to Sunguard Mid-Atlantic, Exclusive dealer of Sunguard Bleacher Covers with installation for \$40,100; and
- 2) Proceed with Eaton General Contractor (Dixie Paving & Sealing), the County's contracted concrete and paving vendor, to install concrete pads under home and visitor side of bleachers on 3 fields at a cost of \$66,740.\*\*

Total Project Price = \$106,840

March 28, 2017

\*Sunguard Mid-Atlantic is considered a sole source for bleacher covers in order to match covers installed on Field 2.

\*\*Concrete Award to Eaton General Contractor (Dixie Paving & Sealing) is attached.

## JEJ Moore Middle School Athletic Field Improvements

Concrete Pad Under Home/Visitor Side of Bleachers and Backstop as needed - 3 Fields			<b>\$66,740</b>
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*Quotes Provided 1/12/2017*

Bleacher Coverings; See Sungard Quote		<b>\$37,600</b>
Estimated Installation		<b>\$2,500</b>
		<b>\$40,100</b>

<b>Project Total</b>		<b>\$106,840</b>
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# **Moore Middle School - Field Concrete Quotes**

## **Field 3**

Materials	9,750.00
Labor	9,200.00
	<b>18,950.00</b>

## **Field 4**

Materials	9,750.00
Labor	9,200.00
	<b>18,950.00</b>

## **Field 1**

Home Side Bleacher	<b>7,800.00</b>
Visitor Side Bleacher	<b>7,800.00</b>

## **Backstop Field 1**

Materials	6,040.00
Labor	7,200.00
	<b>13,240.00</b>

<b>Grand Total</b>	<b>66,740.00</b>
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# Eaton General Contractor, Inc.

Kevin W. Eaton  
13700 Nile Road, Chester, VA

804-400-8430

## Proposal

January 12, 2017

George Poulson  
Prince George, VA 23875

**RE:** Big Field #3 Backstop and Stands  
Moore Middle Sports Complex

### Work to Be Performed

The boundary area is the fence and the asphalt walkway to the dugouts

- 3500 PSI/gravel 57's
- Wire -cut in expansion joints
- 4" depth
- 12" footers (eight) for bleacher covers
- Broom finish

Materials – concrete, wire, gravel:	\$9,750.00
Labor – concrete labor & digging labor	\$9,200.00

> 18,950

Accepted by: \_\_\_\_\_

Kevin W. Eaton  
EGC, INC

# Eaton General Contractor, Inc.

Kevin W. Eaton  
13700 Nile Road, Chester, VA

804-400-8430

## Proposal

January 12, 2017

George Poulson  
Prince George, VA 23875

**RE:** Big Fields #4 Backstop and Stands  
Moore Middle Sports Complex

### Work to Be Performed

The boundary area is the fence and the asphalt walkway to the dugouts

- 3500 PSI/gravel 57's
- Wire -cut in expansion joints
- 4" depth
- 12" footers (eight) for bleacher covers
- Broom finish

Materials – concrete, wire, gravel:	\$9,750.00
Labor – concrete labor & digging labor	\$9,200.00

> 18,950

Accepted by: \_\_\_\_\_

Kevin W. Eaton  
EGC, INC

# Eaton General Contractor, Inc.

Kevin W. Eaton  
13700 Nile Road, Chester, VA

804-400-8430

## Proposal

January 12, 2017

George Poulson  
Prince George, VA 23875

**RE:** Concrete around Bleachers at Moore Middle Sports Complex  
Field #1 – Home Field Bleacher

### Work to Be Performed

Pour concrete around bleachers at Moore Middle School Sports Complex:

- 22x50 concrete area
- 3,500 PSI/Gravel 57's
- Wire – cut in expansion joints
- 4" depth
- 12" footers (four) for bleacher covers
- Broom finish

**Total amount of job:                \$7,800.00**

**Accepted by:** \_\_\_\_\_

Kevin W. Eaton  
EGC, INC

# Eaton General Contractor, Inc.

Kevin W. Eaton  
13700 Nile Road, Chester, VA

804-400-8430

## Proposal

January 12, 2017

George Poulson  
Prince George, VA 23875

**RE: Concrete around Bleachers at Moore Middle Sports Complex**  
Field #1 – Visitor Field Bleacher

### Work to Be Performed

Pour concrete around bleachers at Moore Middle School Sports Complex:

- 22x50 concrete area
- 3,500 PSI/Gravel 57's
- Wire – cut in expansion joints
- 4" depth
- 12" footers (four) for bleacher covers
- Broom finish

**Total amount of job:           \$7,800.00**

Accepted by: \_\_\_\_\_

Kevin W. Eaton  
EGC, INC

# Eaton General Contractor, Inc.

Kevin W. Eaton  
13700 Nile Road, Chester, VA

804-400-8430

## Proposal

January 12, 2017

George Poulson  
Prince George, VA 23875

**RE:** Back Stop area at Moore Field #1 Middle Sports Complex

### Work to Be Performed

The boundaries are the back stop and the walkway (asphalt walkway) to the dugouts

- 3500 PSI/gravel 57's
- Wire -cut in expansion joints
- Broom finish
- 4" depth

Materials – concrete, wire, gravel: \$6,040.00

Labor – concrete labor & digging labor \$7,200.00

7 13,240

Accepted by: \_\_\_\_\_

Kevin W. Eaton  
EGC, INC



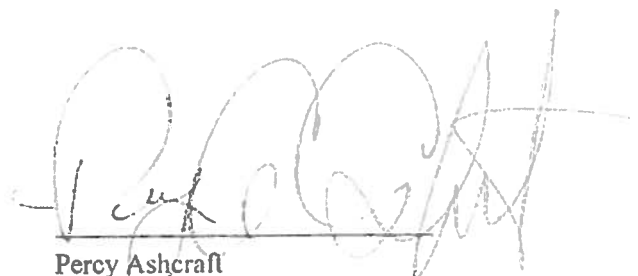
The County of Prince George  
Finance Department  
P.O. Box 68  
Prince George, VA 23875  
(804) 722-8710 Fax (804) 732-1966

**NOTICE OF AWARD**

August 25, 2016

Name: Eaton General Contract (Dixie Paving and Sealing)  
Address: 13700 Nile Road Chester, VA 23831  
In Response To: On-Call Maintenance Services:  
Concrete Services

The above is hereby accepted at prices and terms as agreed upon through IFB # 17-0708-1, subject to all conditions and requirements, if any. This notice of acceptance, and your bid response constitute the contract.



Percy Ashcraft  
Prince George County Administrator

**Concrete Response Form  
(to include install and repair)**

**Bidder's Data**

Name of Company: DIXIE PAVING AND SEALING

Address: 5424 NAMOZINE RD. CREWE, VA 23930

Years in Business: 12 Years experience in specified service: 32

State Contractors' Licenses and Tradesmen Certifications (*attach copy of each to this form*).

Number of employees: 12

Number of employees available to perform required services: 12

Business Location is within (check one) miles of Prince George Courthouse:

0-5 miles \_\_\_\_\_, 5-10 miles \_\_\_\_\_, 10-20 miles X, 20-30 miles /, 30+ miles \_\_\_\_\_

Provide at least three (3) references with current contact information where specified work and services have been performed in the preceding two-year period (*attach information to this form*).

	*Standard Hourly Rate		**Holiday/ After Hours Rate
Supervisor	<u>25<sup>00</sup></u>		<u>37.50</u>
Laborer	+ <u>14<sup>00</sup></u>	+	<u>21.00</u>
Total Standard Rate	<u>39<sup>00</sup></u>	Total holiday/after hours rate	<u>58.50</u>

\* Provide standard hourly rate for Carpenter plus standard hourly rate for laborer for total standard rate – standard hourly rate define as hours worked up to 8 during the day, Monday-Friday.

\*\*Provide holiday/after hours rate for Carpenter plus holiday/after hours rate for laborer for holiday/after hours rate – holiday/overtime rate defined as hours worked in excess of 8 during the day Monday-Friday or hours worked over the weekend or on a County defined holiday.

80% of Standard hourly rate (.80 x total standard rate) 31.20 +

20% of Holiday/after hours rate (.20 x total holiday/after hours rate) 11.70 =

**TOTAL BID PRICE** \$ 42.90

**Materials (approved by the County) will be purchased by the Contractor and are to be billed to the County at no more than 10% above the Contractor's costs. Receipts shall be required and included with all invoices.**

## **SUNGUARD mid-atlantic**

4252 South 35<sup>th</sup> Street  
Arlington, VA. 22206  
Tel/Fax: (703) 820 8118

**14 September 2016**

**PRINCE GEORGE COUNTY, VIRGINIA**  
**6602 Courts Drive**  
**Prince George, Virginia 23875**  
**Attn: Leigh Primmer**  
**Tel: 804 722 8715**

**PROPOSAL: Sunguard Bleacher Covers**

**#7 EA 30' Length x 12' Width x 9' High Columns Sunguard Bleacher Covers**  
**Powder Coated Steel: Color: Black**  
**Fabric Color: Rain Forest Green**  
**Installation: Surface Mount**

**5,700.00 (Retail) x 7 = 39,900 (Your Price: 35,100.00)**  
**Freight: 2,500 (Estimated)**  
**TOTAL: 37,600 \*\*\***

**\*\*\* Equipment Price: Does not include Installation**

**Please allow 35 days from p.o. date to delivery.**

**Thank you for your interest in SUNGUARD**

***Len L. Funk***  
***A Disabled Veteran Owned Small Business***  
***Member, Maryland Coalition to Prevent Skin Cancer***